YOUR TURNKEY SOLUTION

FiberRise is dedicated to bringing gigabit broadband services to rural America. We work exclusively with electric utilities, recognizing the unique advantages they offer in infrastructure, organization, and dedication to the community. FiberRise combines leadership, expertise, and technology with a servant’s heart to enrich lives and empower smaller communities to thrive and grow with the fiber infrastructure required for meaningful economic development. FiberRise cares about our customers and the people they serve. Let us help.

Contact Us: info@fiber-rise.com
(256) 269-4700
4000 Market St, Suite 107
Huntsville, AL 35808
You know what broadband means to your membership and community, especially now. You have been hoping for an ISP to step up and provide good broadband to your membership, and you are still waiting. You serve your community with a servant’s heart, you know the need, but taking on the task of delivering broadband feels overwhelming, and the outcome is uncertain. What now?

Let FiberRise help. We can take you through the entire process, from funding through day-to-day operations so you can make a well-informed decision on how to proceed. FiberRise will reduce the uncertainty and eliminate the mystery of broadband delivery with a proven comprehensive solution and relationships with industry experts dedicated to solving the Digital Divide for rural America.

Proceed with Confidence.
FiberRise provides a comprehensive analysis of the business case for broadband served by the Electric Cooperative. Some business cases will work, others will not, but the answer from FiberRise will be clear either way. FiberRise has won millions in federal, regional and state grants for our customers that enable or improve the business ROI. Our studies have been used by lending institutions to validate the viability of the broadband proposal. Every aspect of the project is addressed in the feasibility study made available to the Electric Cooperative, from the initial engagement through construction, staffing and operation. With FiberRise, the leadership of the Electric Cooperative can make a well-informed decision on broadband for their membership.

- Feasibility Study
- Cash Flow / ROI Modelling
- Grant Identification and Application Support
- Loan application support
- Board member education and support
- Engagement model
FiberRise designs to rigorous standards to ensure consistency and the highest levels of quality delivered in the industry. FiberRise pioneered Utility Grade Broadband specifically to address the needs of the electric cooperative – challenging densities, construction and operational costs, and technology sustainability. FiberRise takes Outside Plant (OSP) design to the next level, providing for both broadband delivery and grid modernization in a single, cohesive architecture.

- Fielding Design / Verification
- Make Ready
- Hut Location/Staking
- Fiber Routing Layout
- Smart Grid Layout
- Fiber To The Home (FTTH) Layout
- Fiber Serving Area
- Optical budget
- Splicing Design
- Bill Of Material (BOM) Detail
- Construction Prints
- Redline updates
- As Built Prints
- State and County Permitting
- Fiber Structure Application Support
- Rights Of Way (ROW) Agreement Support
- Railroad Crossing Permits
- Bridge Attachments
Over The Top (OTT) video, telehealth, videoconferencing, the Internet of Things (IoT), work-at-home and online education have changed the network landscape drastically over just a few short years. Bandwidth demands have risen exponentially, advanced security is essential, and a network must remain competitive far into the future. The core network design must scale, accommodate the evolution of numerous wireline and wireless technologies, and be built upon design principles and standards that protect the investment.

- Core network design/recommendations
- Dedicated Internet Access selection/integration/validation
- IP address registration and schema (ARIN)
- Dynamic Host Configuration and Domain Name Server configuration
- Network monitoring and maintenance
- Speed test server configuration
- Support definitions and procedures
- Support for third party technical support/customer service
Effective procurement and material management is the foundation of a successful fiber project build. Material shortages will occur as many service providers expand their broadband footprints into more rural areas. Lead times, supply chain management, inventory control, and warehousing require constant diligence, expertise, and strategic relationships to ensure material is on hand when construction calls for it. Procurement must be well coordinated between OSP design and network construction.

- Program management
- Supply chain management
- Item administration
- Material planning and lead times
- Inventory management
- Warehouse operations
- Personnel requirements
- Service Level Agreement (SLA) metrics
- Automated order flow
- OSP Major and Minor Material
- Fiber Cable
- Huts
- Core (Routers, Servers, Switches)
- Network Access Equipment
- Home and Business Terminating Equipment
Integration is the foundation of efficiency. Human labor and error are minimized, business systems are automatically updated and correlated with one another, and operations can scale significantly. A fully integrated system combines marketing and customer demand with construction, service turnup, monitoring and maintenance. Integration is key to quality control and user experience, which are the ultimate measures of broadband success. The highly integrated environment promotes repeatability on a large scale, yielding faster time to revenue and a strong balance sheet.

- Billing System Support
- Provisioning
- Hosted Voice and Video
- Demand Management
- Drop Management
- Install Management
- Project Management and Reporting
- Quality Assurance
- Network Management and Maintenance
- End User Management
- Outage Management
- Threshold and Environmental Alarms
- Ookla speed test server
Utility Grade Broadband is neither traditional telco nor cable system construction; it is optimized for the electric utility. Advanced planning is essential for permitting, Rights Of Way (ROW), and determining build priorities, but Utility Grade Broadband incorporates steps that go beyond traditional approaches. Quality assurance is integrated with construction, which demands seamless and simplified interaction with Customer Relationship Management (CRM) applications. Construction that is tightly integrated to sales, billing and installation mean faster time to revenue and a more satisfied membership and community.

- Mock-up systems
- Contractor selection
- Coordination with Operations
- Quality control
- Progress visibility and metrics
- Crossings and ROW
- Construction zone priority
- Splicing
- Drop and installation management
- Material management
- Invoicing
When the Electric Cooperative commits to providing broadband, a comprehensive operations strategy is vital to success. The Electric Cooperative may assume all operations as the ISP or choose to outsource some or all the operational components. Recognizing the burden broadband operations would place on the Electric Cooperative, FiberRise developed the relationships, technologies, support systems, processes and workflows that minimize the investment and disruption that ISP operations places upon the Electric Cooperative. With FiberRise, it is possible for the Electric Cooperative to provide world-class gigabit broadband to rural America using essentially the same organization and resources that earned it the reputation for reliability and superior customer service as the power provider.

- System setup and configuration
- Business Support System (BSS) integration
- Customer onboarding
- Customer service and support
- Provisioning
- Network Monitoring and Maintenance
- Capacity Planning
- IP address management
- FCC and grant reporting
- Billing to network audit
- Disaster Recovery Planning
As a broadband provider, The Electric Cooperative enters a new world of competition far beyond the traditional marketing demands of power delivery. More densely populated areas that help generate the revenue needed to build to remote areas are likely served by established ISPs who will respond aggressively to a new competitor. The Electric Cooperative must be prepared with the compelling service packages, powerful branding, cogent messaging and the sales support required to achieve the take rates that sustain the broadband business far into the future.

- ISP branding
- Sales collateral development
- Sales training to businesses/anchor institutions
- Competitive analysis
- Maintaining sales funnel
- Expected take rates
- Upsell
- Phased approach
- Demand Generation